

---

# ***Tobacco Use***

---

## **CIGARETTE SMOKING**

***Definition: Respondents who report having smoked at least 100 cigarettes in their lifetime and now smoke every day or smoke some days.***

### **Prevalence of Current Cigarette Smoking**

- South Dakota 20.3%
- Nationwide median 20.8%

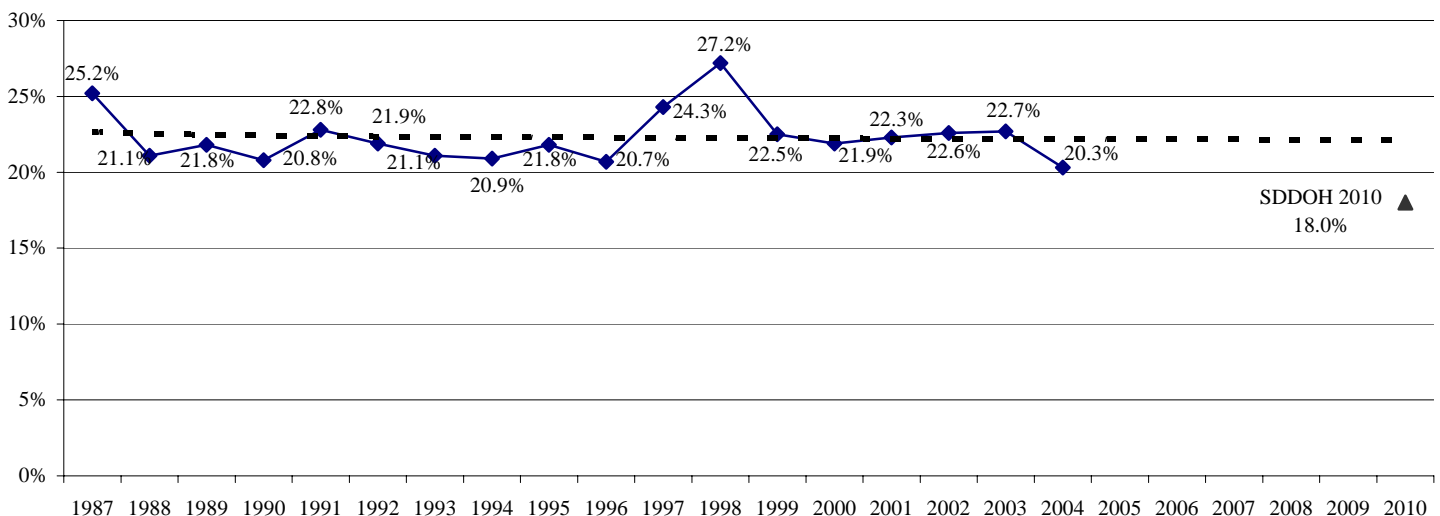
### **South Dakota Department of Health 2010 Initiative**

*Reduce the percent of adults who smoke cigarettes to 18 percent.*

### **Trend Analysis**

This question was first asked in 1987 and hit its peak in 1998 with 27.2 percent and its low in 2004 with 20.3 percent of the respondents stating that they currently smoke. South Dakota has not yet met the *South Dakota Department of Health 2010 Initiative* of 18 percent.

**Figure 13**  
**Percent of Respondents Who Currently Smoke Cigarettes, 1987-2004**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1987-2004

## **Demographics**

<b>Gender</b>	There are no significant differences between males and females overall.
<b>Age</b>	The prevalence of cigarette smoking generally decreases as age increases, especially for females.
<b>Race</b>	American Indians demonstrate a significantly higher prevalence of cigarette smoking than whites.
<b>Region</b>	The American Indian counties region exhibits a significantly higher prevalence of cigarette smoking than the other four regions.

<b>Household Income</b>	Cigarette smoking generally increases as household income decreases.
<b>Education</b>	The prevalence of cigarette smoking generally increases as education decreases. However, those at the eighth grade or less level do demonstrate a very low prevalence of cigarette smoking.
<b>Employment Status</b>	Those who are unable to work or unemployed exhibit a very high prevalence of cigarette smoking, while those who are self-employed or retired show a very low prevalence.
<b>Marital Status</b>	Those who are divorced or separated demonstrate a very high prevalence of cigarette smoking, while those who are married or widowed show a very low prevalence.

**Table 18**  
**Respondents Who Currently Smoke Cigarettes, 2004**

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Total</b>	<b>6,130</b>	<b>20.3</b>	<b>(19.1-21.7)</b>	<b>2,521</b>	<b>22.0</b>	<b>(20.0-24.1)</b>	<b>3,609</b>	<b>18.7</b>	<b>(17.1-20.5)</b>
<b>Age</b>									
18-24	338	26.1	(21.1-31.8)	149	22.9	(16.4-31.1)	189	29.5	(22.4-37.8)
25-34	786	26.3	(22.9-30.2)	335	31.1	(25.7-37.2)	451	21.2	(17.3-25.8)
35-44	1,032	21.7	(18.9-24.7)	429	20.6	(16.7-25.2)	603	22.8	(19.1-26.9)
45-54	1,279	22.2	(19.7-24.9)	569	24.6	(20.8-28.8)	710	19.7	(16.7-23.1)
55-64	964	19.3	(16.7-22.3)	406	21.3	(17.3-25.9)	558	17.5	(14.1-21.4)
65-74	883	12.3	(10.1-15.0)	367	15.4	(11.6-20.0)	516	9.7	(7.3-12.8)
75+	828	5.2	(3.7-7.3)	261	7.0	(4.3-11.4)	567	4.0	(2.5-6.3)
<b>Race</b>									
White	5,482	18.8	(17.5-20.2)	2,271	20.6	(18.6-22.7)	3,211	17.1	(15.4-18.9)
American Indian	435	47.4	(40.7-54.3)	164	50.7	(40.3-61.0)	271	44.8	(36.0-54.0)
<b>Region</b>									
Southeast	1,514	19.8	(17.5-22.4)	625	20.1	(16.7-24.0)	889	19.5	(16.4-23.1)
Northeast	1,392	18.3	(16.1-20.9)	558	21.2	(17.7-25.3)	834	15.5	(12.8-18.7)
Central	1,149	18.2	(15.6-21.1)	464	18.3	(14.6-22.6)	685	18.1	(14.6-22.2)
West	1,431	21.2	(18.7-24.0)	603	24.3	(20.2-28.8)	828	18.1	(15.3-21.3)
American Indian Counties	644	37.7	(32.7-43.0)	271	40.1	(32.7-48.0)	373	35.4	(28.9-42.5)
<b>Household Income</b>									
Less than \$10,000	307	33.2	(26.0-41.2)	*	*	*	*	*	*
\$10,000-\$14,999	368	26.8	(21.2-33.2)	102	28.9	(19.4-40.7)	266	25.6	(19.0-33.5)
\$15,000-\$19,999	507	26.3	(21.4-31.9)	189	29.7	(22.2-38.5)	318	23.6	(17.5-30.9)
\$20,000-\$24,999	673	30.2	(25.5-35.4)	263	33.5	(26.0-41.9)	410	27.1	(21.5-33.6)
\$25,000-\$34,999	983	24.2	(20.9-27.9)	435	28.0	(22.9-33.7)	548	19.9	(16.0-24.6)
\$35,000-\$49,999	1,045	17.5	(15.0-20.3)	475	17.1	(13.6-21.3)	570	18.0	(14.6-21.9)
\$50,000-\$74,999	911	17.2	(14.4-20.5)	408	19.5	(15.2-24.7)	503	15.0	(11.4-19.3)
\$75,000+	718	12.1	(9.6-15.2)	378	14.0	(10.4-18.7)	340	9.3	(6.5-13.1)
<b>Education</b>									
8th Grade or Less	258	13.1	(9.0-18.7)	131	15.2	(9.6-23.2)	127	9.9	(5.0-18.8)
Some High School	323	37.3	(30.3-44.9)	137	43.7	(33.3-54.7)	186	30.3	(21.9-40.3)
High School or G.E.D.	2,017	23.8	(21.4-26.4)	860	25.1	(21.5-29.1)	1,157	22.5	(19.5-25.9)
Some Post-High School	1,737	23.2	(20.8-25.9)	647	25.5	(21.7-29.8)	1,090	21.3	(18.3-24.7)
College Graduate	1,782	11.4	(9.7-13.3)	741	12.2	(9.7-15.1)	1,041	10.6	(8.4-13.3)
<b>Employment Status</b>									
Employed for Wages	3,049	22.8	(21.0-24.7)	1,251	24.9	(22.1-27.9)	1,798	20.6	(18.5-23.0)
Self-employed	828	15.0	(12.3-18.1)	545	16.4	(13.0-20.5)	283	11.9	(8.3-16.8)
Unemployed	147	38.6	(28.2-50.2)	*	*	*	*	*	*
Homemaker	287	19.0	(14.0-25.3)	*	*	*	*	*	*
Student	134	21.9	(14.6-31.6)	*	*	*	*	*	*
Retired	1,498	10.6	(8.9-12.4)	529	14.1	(11.2-17.6)	969	7.9	(6.2-10.0)
Unable to Work	184	42.9	(34.5-51.8)	*	*	*	*	*	*

Table 18 (continued)									
Respondents Who Currently Smoke Cigarettes, 2004									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Marital Status</b>									
Married/Unmarried Couple	3,649	16.9	(15.5-18.4)	1,574	18.8	(16.6-21.2)	2,075	15.0	(13.3-16.9)
Divorced/Separated	815	40.9	(36.8-45.1)	354	41.1	(35.1-47.3)	461	40.7	(35.1-46.5)
Widowed	888	14.3	(11.8-17.1)	164	21.0	(15.0-28.7)	724	12.6	(10.1-15.7)
Never Married	765	26.2	(22.0-30.9)	425	24.7	(19.6-30.5)	340	28.8	(21.8-36.8)

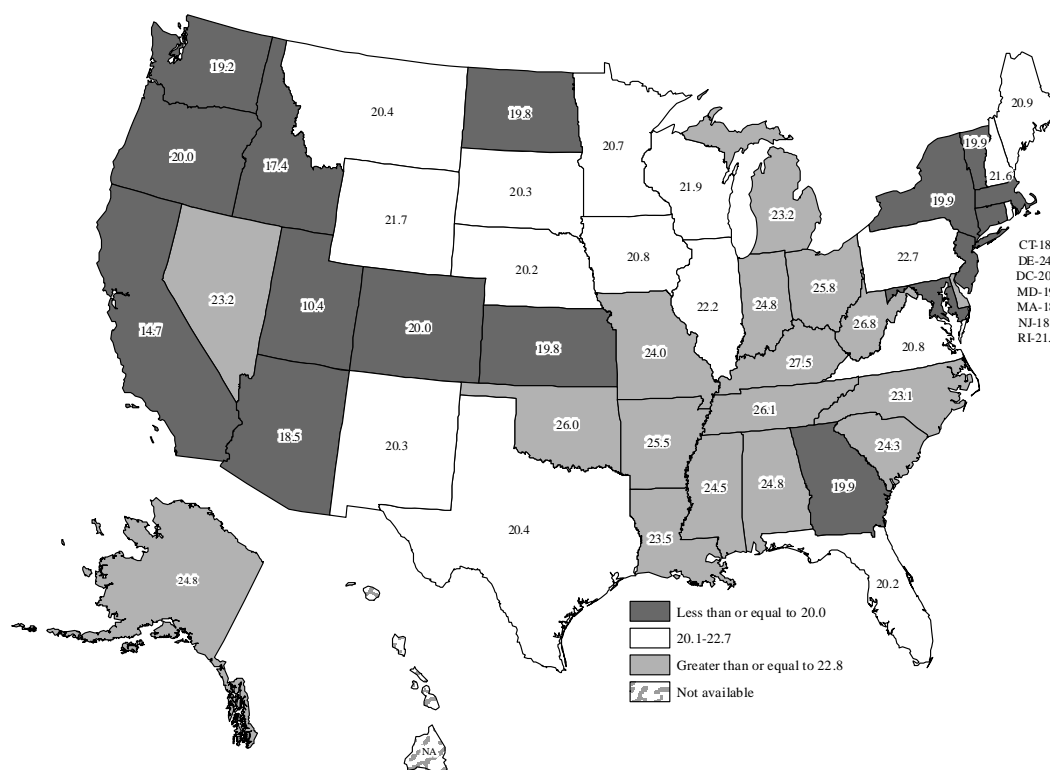
Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

## National Statistics

The national median for respondents who currently smoke cigarettes was 20.8 percent. South Dakota had 20.3 percent of respondents who currently smoke cigarettes. Utah had the lowest percent of respondents who currently smoke cigarettes with 10.4 percent, while Kentucky had the highest percent of respondents who currently smoke cigarettes with 27.5 percent.

**Figure 14**  
Nationally, Respondents Who Currently Smoke Cigarettes, 2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

## Further Analysis

Following are data illustrating the percent of those who currently smoke cigarettes for various health behaviors and conditions. For example, 41.3 percent of respondents who stated they binge drink currently smoke cigarettes, while 15.9 percent of respondents who do not binge drink currently smoke cigarettes.

**Table 19**  
**Currently Smoke Cigarettes for Selected Health Behaviors and Conditions, 2004**

<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Currently Smoke Cigarettes</b>	<b>95% CI</b>
Fair or Poor Health Status	956	27.9	24.2-31.8
Excellent, Very Good, or Good Health Status	5,160	19.2	17.9-20.7
Physical Health Not Good for 30 Days of the Past 30	394	26.5	20.9-33.0
Physical Health Not Good for 0-29 Days of the Past 30	5,682	20.0	18.7-21.4
Mental Health Not Good for 20-30 Days of the Past 30	347	37.0	30.4-44.2
Mental Health Not Good for 0-19 Days of the Past 30	5,720	19.4	18.1-20.8
Usual Activities Unattainable for 10-30 Days of the Past 30	394	34.0	28.1-40.4
Usual Activities Unattainable for 0-9 Days of the Past 30	5,715	19.5	18.2-20.9
Obese (BMI = 30.0+)	1,544	19.5	17.2-22.2
Overweight (BMI = 25.0-29.9)	2,263	18.6	16.7-20.7
Recommended Weight (BMI = 18.5-24.9)	2,042	23.1	20.7-25.6
No Leisure Time Physical Activity	1,322	27.9	24.9-31.1
Leisure Time Physical Activity	4,805	18.6	17.2-20.1
Drank Alcohol in Past 30 Days	3,280	23.3	21.5-25.2
No Alcohol in Past 30 Days	2,814	16.1	14.4-17.9
Binge Drinker	793	41.3	37.0-45.7
Not a Binge Drinker	5,282	15.9	14.7-17.2
Heavy Drinker	207	52.9	44.3-61.4
Not a Heavy Drinker	5,850	19.0	17.7-20.3
No Mammogram within Past Two Years (40+)	656	26.9	22.9-31.3
Mammogram within Past Two Years (40+)	1,999	12.0	10.5-13.7
No Clinical Breast Exam within Past Two Years	683	22.3	18.5-26.7
Clinical Breast Exam within Past Two Years	2,878	18.1	16.3-20.1
Insufficient Cervical Cancer Screening	401	20.9	16.2-26.5
Sufficient Cervical Cancer Screening	2,243	19.6	17.5-21.9
No PSA Test within Past Two Years (40+)	802	23.9	20.7-27.4
PSA Test within Past Two Years (40+)	970	15.0	12.6-17.8
No Digital Rectal Exam within Past Two Years (40+)	816	22.2	19.2-25.6
Digital Rectal Exam within Past Two Years (40+)	1,010	16.4	13.9-19.2
No Blood Stool Test within Past Two Years (50+)	2,413	15.6	14.0-17.4
Blood Stool Test within Past Two Years (50+)	889	12.2	9.9-14.9
Never Had Sigmoidoscopy or Colonoscopy (50+)	1,650	18.3	16.3-20.6
Ever Had Sigmoidoscopy or Colonoscopy (50+)	1,672	11.3	9.7-13.1
Haven't Been to the Dentist in the Past 12 Months	1,846	26.5	23.9-29.2
Been to the Dentist in the Past 12 Months	4,273	17.9	16.5-19.5
Not Taking any Precautions Against West Nile Virus	1,907	21.3	19.0-23.9
Taking Precautions Against West Nile Virus	4,055	20.2	18.7-21.9
No Health Insurance (18-64)	369	46.0	39.1-53.0
Health Insurance (18-64)	3,902	21.1	19.6-22.8
Employer Based Health Insurance Coverage (18-64)	2,675	19.3	17.5-21.2
Private Health Insurance Plan (18-64)	530	11.7	8.9-15.3
Medicare (18-64)	117	39.9	30.2-50.4
Medicaid or Medical Assistance (18-64)	111	40.0	29.3-51.7
The Military, CHAMPUS, TriCare, or the VA (18-64)	184	28.3	21.5-36.2
The Indian Health Service (18-64)	236	53.8	44.8-62.6
No Flu Shot (65+)	418	12.4	9.1-16.6
Flu Shot (65+)	1,288	7.5	6.1-9.3
No Pneumonia Shot (65+)	578	9.3	6.9-12.3
Pneumonia Shot (65+)	1,111	8.4	6.7-10.4
Diabetes	532	18.2	14.4-22.7
No Diabetes	5,597	20.5	19.2-21.9

<b>Table 19 (continued)</b> <b>Currently Smoke Cigarettes for Selected Health Behaviors and Conditions, 2004</b>			
<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Currently Smoke Cigarettes</b>	<b>95% CI</b>
Current Asthma	441	24.2	18.6-30.9
Former Asthma	189	18.7	13.4-25.6
Never Had Asthma	5,478	20.2	18.9-21.6
Previously Had a Heart Attack	369	17.1	13.2-21.9
Never Had a Heart Attack	5,616	20.8	19.4-22.2
Have Angina or Coronary Heart Disease	400	17.2	13.3-22.0
Do not Have Angina or Coronary Heart Disease	5,566	20.7	19.4-22.2
Previously Had a Stroke	193	23.7	17.6-31.1
Never Had a Stroke	5,789	20.5	19.1-21.8
Physical, Mental, or Emotional Disability	1,255	26.5	23.2-30.0
No Physical, Mental, or Emotional Disability	4,799	19.3	17.9-20.8
Disability with Special Equipment Needed	448	18.7	14.7-23.4
No Disability with Special Equipment Needed	5,609	20.7	19.3-22.1
Four or More Hours of TV Watched per Day	1,423	25.7	22.8-28.8
Less Than Four Hours of TV Watched per Day	4,517	19.3	17.8-20.8
Sick from Poor Indoor Air Quality in Past Year	1,013	22.0	18.9-25.4
Not Sick from Poor Indoor Air Quality in Past Year	5,070	20.0	18.6-21.5
Sick from Outdoor Air Pollution in Past Year	425	21.8	17.2-27.1
Not Sick from Outdoor Air Pollution in Past Year	5,680	20.3	19.0-21.7
Firearm in Household	3,369	18.5	16.9-20.2
No Firearms in Household	2,529	24.0	21.8-26.3
Loaded and Unlocked Firearm in Household	274	18.0	13.2-24.1
No Loaded and Unlocked Firearms in Household	5,587	20.8	19.5-22.2
No Birth Control (females 18-44 & males 18-59)	332	24.7	19.6-30.6
Birth Control (females 18-44 & males 18-59)	1,686	24.5	22.1-27.0
Never Been Tested for HIV (18-64)	3,090	20.5	18.8-22.3
Been Tested for HIV (18-64)	1,155	30.7	27.5-34.2
Sunburn in Past 12 Months	2,170	20.8	18.8-23.0
No Sunburn in Past 12 Months	3,950	20.0	18.4-21.7
Military Veteran	1,011	23.6	20.6-27.0
Not a Military Veteran	5,105	19.8	18.4-21.3

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Respondents who tried to stop smoking for one day or longer because they were trying to quit smoking hit its peak in 2002 with 57.5 percent. Since then the percent of respondents who tried to stop smoking for one day or longer because they were trying to quit smoking has been decreasing. Table 20, on the next page displays this.

<b>Table 20</b> <b>Respondents Who Tried to Stop Smoking, Within the Past 12 Months, for One Day or Longer Because They Were Trying to Quit Smoking, 2000-2004</b>		
<b>Year</b>	<b># of Respondents</b>	<b>Percent</b>
2004	1,217	53.9
2003	1,139	57.3
2002	970	57.5
2001	1,079	55.2
2000	839	48.2

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2004